

New filtration system moving ahead

The TOCDF's new \$33 million Pollution Abatement System (PAS) Filtration System (PFS) is running smoothly through required tests and demonstrations. There are three separate PFS carbon filter units—one for the metal parts furnace (MPF) and one for each liquid incinerator (LIC)—each is designed to capture mercury from contaminated exhaust gases, allowing the TOCDF to safely destroy those mustard munitions with high levels of mercury.

On Oct. 14, the PFS started its shakedown period, which allows operators to become more familiar with the system and determine optimum operating parameters and conditions while processing actual munitions contaminated with mercury.

As part of the shakedown, the PFS is undergoing a series of planned performance tests, including the Alternative Monitoring Request-Relative Accuracy Test Audit (AMR-RATA), which demonstrates the TOCDF's capability and accuracy in monitoring exhaust gas for mercury. Each furnace and its associated carbon filtration unit—the MPF and both LICs—have successfully completed the AMR-RATA.

The shakedown period also includes what is referred to as a "mini-burn." This is the same kind of demonstration test that is done for state regulators, only shorter. The MPF mini-burn went well; the MPF demonstration tests are happening this week. The LIC mini-burn has also been completed; the official LIC demonstration test will take place in early December. State officials have agreed that performance data from a single LIC/PFS demo test will be applied to the other LIC/PFS system.

Once the demonstration tests are completed, the HT 4.2-inch mortar campaign is expected to re-start in January.



TOCDF Site Project Manager Ted Ryba talks about the site's new carbon filtration system at the 2009 Public Officials Conference. The conference is hosted by the Utah Department of Public Safety, Division of Homeland Security and brings together elected and appointed officials such as mayors, city council members, county commissioners, city managers, police, fire chiefs, sheriffs, homeland security officials and emergency managers. The Tooele Chemical Stockpile Outreach Office also hosted an information booth at the two-day conference.

PUBLIC AFFAIRS:

Alaine Grieser

Phone: (435) 833-4295
alaine.grieser@us.army.mil

OUTREACH OFFICE:

Amy Blauser

Phone: (435) 882-3773
ablauser@qwestoffice.net

SYSTEMS CONTRACTOR:

Mark Mesesan

Phone: (435) 882-5888
mmesesan@egginc.com

Tooele Chemical Stockpile Outreach Office

54 S. Main St.
Tooele, UT 84074
Phone: (435) 882-3773
Toll Free: (800) 471-1617

Outreach Office Hours:

8:30 a.m. - 5:00 p.m.

Monday - Friday

(Additional hours available upon request)

Closure activities continue

Chemical Agent Munitions Disposal System

While the CAMDS closure team continues to work out details of the overall closure plan, one important step has been met—the Utah Division of Solid and Hazardous Waste has approved the Material Treatment Facility (MTF) partial closure plan. Approval of this plan allows workers to begin decontamination and disassembly (D&D) of permitted hazardous waste units within the MTF.

The MTF originally operated as the dunnage incinerator for processing non-hazardous wastes, but was most recently used to support research and development activities associated with decontaminating agent-contaminated items.

Approval of this plan did not come easily. "We had to compromise on a number of different issues," explained CAMDS Site Project Manager Jerry Linn, who spoke about CAMDS closure progress at the October town hall. For example, Linn explained that the requirements for shipping waste off site, which is key to closing CAMDS, have not been finalized yet. These requirements are just one example of the many details required by the CAMDS closure performance standards, which will be included in the final CAMDS closure plan.

Details for final disposition of the items within the MTF will not be available until the closure performance standards are finalized, which will be done through permit negotiations with state regulators. Preparation of the partial closure plan for the Chemical Test Facility, which was used to research, develop and demonstrate alternative chemical weapons destruction



(Top) DCD Commander, Col. Gerald L. Gladney (center), stands with four of the 14 DCD employees who were recently awarded the Secretary of Defense Medal for the Global War on Terrorism. The medal was created to honor the contributions of the civilian workforce of the Department of Defense in direct support of the armed forces, which are engaged in operations to combat terrorism. Pictured (from left) are Matt Kinder, Hyrum Christensen, Bob Vargas and Kenny Newkirk. (Left) On behalf of DCD Facilities, Kelly Nash accepts the

Commander's Safety Award from Col. Gladney at the October town hall. The meeting marked the first time the trophy had been awarded. The trophy, which features an eagle on top and a medallion that reads "Safety First," will continue to be awarded monthly and is determined on a points basis for superior safety and surety.

Tooele Chemical Agent Disposal Facility Processing

(as of Nov. 15, 2009)

Total number of mustard agent-filled bulk containers destroyed	4,410
Total number of mustard agent-filled 155mm projectiles destroyed	54,453
Total number of mustard agent-filled 4.2-inch mortars destroyed	336
Percentage of total mustard agent stockpile destroyed	68.51%

Mock treaty inspection held at DCD

Deseret Chemical Depot (DCD) recently hosted its first simulated Chemical Weapons Convention (CWC) challenge inspection to review and exercise recently revised U.S. Army inspection support procedures. A CWC challenge inspection is an aggressive inspection of a site to clarify and resolve allegations made by one state party against another concerning non-compliance with the treaty.

The CWC treaty requires all state parties to declare and destroy any stockpile of chemical weapons they may hold and any facilities which produced them, as well as any chemical weapons they abandoned on the territory of other state parties in the past. Although the U.S. has never had to respond to an actual treaty challenge inspection, the Department of Defense has been conducting large-scale challenge inspection support trainings at various locations since the mid-1990s.

In the event that the U.S. faced a true challenge inspection, the Center for Treaty Inspection and Compliance (CTIC) would deploy an Installation Assistance Team to help implement the Army's challenge inspection support procedures. Considering that the Organization for the Prohibition of Chemical Weapons, an international agency responsible for conducting all CWC inspections, would provide as little as 12 hours notice, this team would need to quickly pull together various logistical requirements in preparation for arrival of the international inspectors. A real challenge inspection would be a rapid, high-profile event and could take multiple days to conduct a comprehensive inspection of the challenged site.

Through the support of many DCD employees, Installation Assistance Team members were able to practice various treaty required implementation skills under near-realistic circumstances. Prior to the simulated inspection activities, mock negotiations took place to establish the inspection site perimeter, necessary monitoring activities and logistical arrangements. This important training effort provided the CTIC an opportunity to validate the Army's revised inspection support plans and capture valuable lessons learned.

Upcoming Events

- Dec. 10, 1:30 p.m.** – Utah Division of Solid and Hazardous Waste Control Board monthly meeting. The meeting will be held in Room 101 at the Department of Environmental Quality building, 168 N. 1950 W. in Salt Lake City.

The Tooele Chemical Stockpile Outreach Office will be closed on **Nov. 26 and 27** for the Thanksgiving holiday.

DCD honors veterans

November 11 marked a very important day – Veterans Day – a day to remember the sacrifices made by those who have served in the United States armed forces: the Navy, Marines, Army, Air Force and Coast Guard.

Col. Gerald L. Gladney, commander of DCD, addressed the depot work force at a ceremony held at DCD to commemorate this day of remembrance. In the corner of the room, a table was set for one. The glass was overturned, a slice of lemon and salt was placed on the dishes in front of the empty chair. This setting represented all those who have not come back from war.

Col. Gladney highlighted the history and importance of Veterans Day, explaining that this day of remembrance, originally known as Armistice Day, was created to celebrate the signing of the armistice that formally ended World War I in 1918 at the 11th hour of the 11th day of the 11th month. President Dwight D. Eisenhower, who wanted to honor all service members of all wars who have served to defend our freedoms and ideals, changed the name from Armistice Day to Veterans Day in 1954.

SFC Michael Farish, noncommissioned officer of the depot, then stood up to talk to the work force about the Patriot Riders group, who serve and support our fallen veterans as they move them to their final resting place. He then recognized three members of the depot that were a part of this organization.

Col. Gladney intended to call the names of the former and current service members that worked for the depot, but changed his mind when he saw how many former uniformed service members contributed to Deseret's personnel. Instead, a moment of silence was held, during which the long list of names was displayed for the workforce audience.

Taking Chance, a film based on real-military-life events was shown to the workforce. The film is about a military escort bringing a fallen soldier back to his home town and the amount of support and respect each person along the way gives. The film touched many in the audience; sniffles could be heard while the lights were out and many eyes had wet lines under them when the lights were turned back on.

Col. Gladney closed the ceremony by addressing how each branch of the United States armed forces has unique abilities and duties that they perform with distinction and aplomb. However, they all support each other and in the end, they all have the same mission, to secure and defend the freedoms of the United States of America—as Col. Gladney puts it, "One team, in one fight." The last words of Col. Gladney were a quote by President Eisenhower, "Let us solemnly remember the sacrifices of all those who fought so valiantly, on the seas, in the air and foreign shores, to preserve our heritage of freedom."



Col. Gerald L. Gladney, commander of DCD, explains what Veteran's Day means to him to employees gathered to commemorate the members of the armed forces. Gladney encouraged depot workers to continue their support for service members currently overseas, some of whom are guardsmen, reservists or contractors that work full-time at the depot.

PUBLIC AFFAIRS:

Alaine Grieser

Phone: (435) 833-4295
alaine.grieser@us.army.mil

OUTREACH OFFICE:

Amy Blauser

Phone: (435) 882-3773
ablauser@qwestoffice.net

SYSTEMS CONTRACTOR:

Mark Mesesan

Phone: (435) 882-5888
mmesesan@egginc.com

Tooele Chemical Stockpile Outreach Office

54 S. Main St.
Tooele, UT 84074
Phone: (435) 882-3773
Toll Free: (800) 471-1617

Outreach Office Hours:

8:30 a.m. - 5:00 p.m.

Monday - Friday

(Additional hours available upon request)